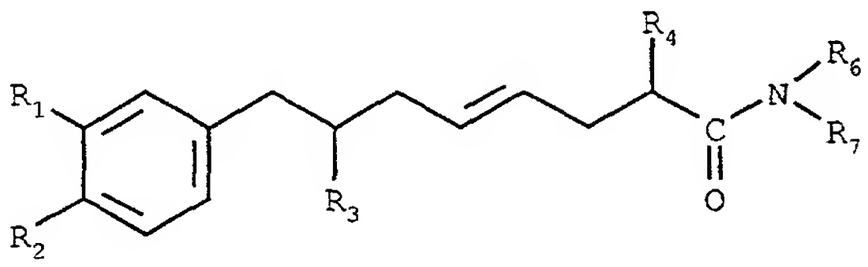
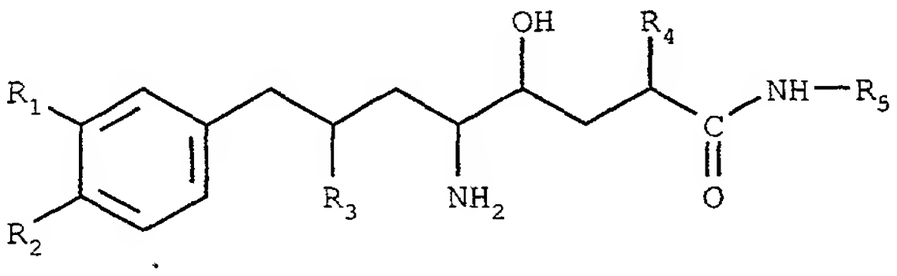
Abstract of the disclosure

From compounds of formula II



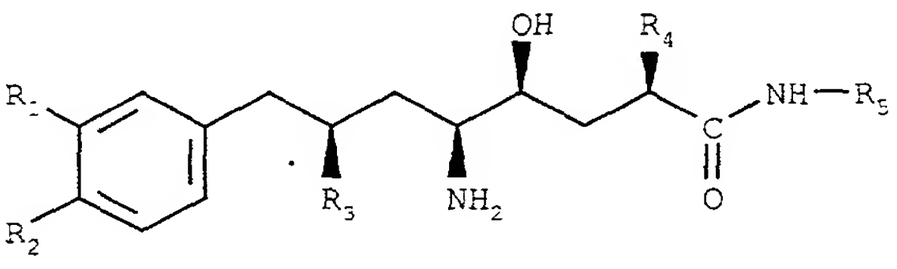
(II),

wherein R_1 and R_2 are independently of one another H, C_1-C_6alkyl, C_1-C_6halogenalkyl, C_1-C_6alkoxy, C_1-C_6alkoxy-C_1-C_6alkyl, or C_1-C_6alkoxy-C_1-C_6alkyloxy, R_3 is C_1-C_6alkyl, R_4 is C_1-C_6alkyl, and R_5 is C_1-C_6alkyl, C_1-C_6hydroxyalkyl, C_1-C_6alkoxy-C_1-C_6-alkyl, C_1-C_6alkanoyloxy-C_1-C_6alkyl, C_1-C_6aminoalkyl, C_1-C_6alkylamino-C_1-C_6-alkyl, C_1-C_6-dialkylamino-C_1-C_6-alkyl, C_1-C_6-alkanoylamido-C_1-C_6-alkyl, HO(O)C-C_1-C_6-alkyl, C_1-C_6alkyl-O-(O)C-C_1-C_6alkyl, H_2N-C(O)-C_1-C_6alkyl, C_1-C_6alkyl-HN-C(O)-C_1-C_6alkyl or (C_1-C_6alkyl)$_2$N-C(O)-C_1-C_6-alkyl, R_6 is C_1-C_6alkyl, R_7 is C_1-C_6alkyl or C_1-C_6alkoxy, or R_6 and R_7 together are tetramethylene, pentamethylene, 3-oxa-1,5-pentylene or -CH_2CH_2O- substituted, if necessary, with C_1-C_4-Alkyl, phenyl or benzyl, it is possible – through halolactonization, azidation of the halogen group, ring opening with an amine R_5-NH_2, and reduction of the azide group to form the amino group – to prepare compounds of formula I



(I),

wherein R_5 is C_1-C_6alkyl, C_1-C_6hydroxyalkyl, C_1-C_6alkoxy-C_1-C_6alkyl, C_1-C_6alkanoyloxy-C_1-C_6alkyl, C_1-C_6aminoalkyl, C_1-C_6alkylamino-C_1-C_6alkyl, C_1-C_6dialkylamino-C_1-C_6-alkyl, C_1-C_6alkanoylamido-C_1-C_6alkyl, HO(O)C-C_1-C_6alkyl, C_1-C_6alkyl-O-(O)C-C_1-C_6alkyl, H_2N-C(O)-C_1-C_6alkyl, C_1-C_6alkyl-HN-C(O)-C_1-C_6alkyl or (C_1-C_6alkyl)$_2$-N-C(O)-C_1-C_6alkyl. If 2(S),7(R)-diastereomer of formula II is used, the 2(S),4(S),5(S),7(S)-diastereomer of formula Ia



(Ia)

is obtained in a high degree of purity.